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## NEW PLACER FIELD

located in the Future Sacramento Valley of Sonora.

The Yaqui river delta of central Sonora possesses a climate, a soil, a topography and mineral resources close analogies.

the Sacramento river. The contents drawn the gravel is again deposited codure. once more along the banks.

Skillis

floods will contain. nook and corner.

vispe and Rio Aros unite and be- necessary to introduce dredges. come the Yaqui. But before reachvast principalities behind them.

origin will be found to contain capitalist of today have yet to in- five in actual operation. gigantic dredges, each machine posed to the flowing water con- liminary starting points as any. costing from \$40,000 to \$50,000, taining the copper solution have

wonders what it's mighty June at least, implies that those in on But the placer mining areas origits affluents are on visiting terms to twenty miles. Such tests would by between fields and orchards. with the entire area and its every speedily determine whether or not But these aside. At the very con- whom shall occupy its vantage

Fronteras, Moctezuma, Rio Ba- ducement for the requisite capital located a mineral belt which so far

ing there they have visited whole nia, are manufactured in San fore it. kingdoms of mineral wealth on Francisco under first class auspices. to \$50,000 in gold, according to river delta, the traveller at once The agriculturist of the Yaqui size and pattern. That the invest- encounters distinct indications of in many respects so similar to the valley ascertained centuries ago ments in question have more than gold, copper, lead and silver, also Callifornia as to justify a close izing elements of the far-famed proved by the fact that starting comparison in all respects except Nile floods, and in abundance, with but one dredge, some few deposits. dimensions. Even its geological But the scientific miner and the years ago, there are now twenty-

form us what other ingredients do The feasibility from a business Hornos. It is an important point Aside from its conceded fertility the great flood-tide of the Yaqui, point of view, has been established in the foot hell belt. First because and the magnitude of its harvest of now pouring down from yonder by practical and thorough prelimin- of the location here of extensive cereals, etc., all of which can mountain fastness, contain in its ary tests, in the Yaqui Valley, irrigation works such as diversion also be produced on the Yaqui, deep currents, setting so strongly The machinery, etc. of the dams, steel headgates and etc., but the Sacramento Valley of Califor- toward the Gulf of California dredges can be forwarded by direct what for our immediate purpose is nia possesses a unique and special waters. Gold, Copper, Silver, Lead, steamer or rail from San Francisco of more importance, very promisinterest for practical miners, just Iron, Gypsum and Coal, are known to Guaymas, from which the Yaqui ing silver prospects. This is to the now, in the extent of its modern to be present and all have been is distant only thirty miles by northwest of the irrigation plant gold placer operations conducted mined with success at some point water. The dredges could be set and is known as the "Sierra de la on one of its affluents above Marys- within the compass of the Yaqui up at the mouth of the Yaqui on Mina." It is the property of an ville, and between that town and river or its feeders. Gold is per- the gulf of California and during intelligent American, Mr. O. J. Oraville, some twenty-five miles to haps among the easiest metals to the period of high water easily Riggs, who has been a resident of the northeast of the first named desintegrate, or seemingly so. But floated to their destination at any the valley for many years. city. Instead of placer washing copper has been known at given point forty to fifty miles inland.

shore-lines on the Yuba, tributary of practically constitute pure couper. gards quartz or lode mining it be-Water, carrying gold in solution comes a different problem entirely. are the operators in question of Yaqui Delta itself, would seem to ient synonym for various localities that they unhesitatingly purchase close comparatively large gold— tive tributaries of, or generally the "Douglas" property. orchards, houses, or unoccupied bearing areas in that region. Nor above the junction point of the farm land along their route for the would it be any surprise to those Yaqui This is some ten odd miles miners as well as responsible busipurpose of not merely prospecting, familiar with the mineralized re- below Suaqui, district of Ures. At ness men in this region is Don but to obtain the certain known gion here referred to, and also this place the Yaqui receives the Benito Conant. Together with his dividend on their investment. So those of the Sacramento valley waters of the Rio Moctezuma and brother Don Carlos Conant the far there has been no disappoint mentioned at the head of this the Rio Bavispe which have prement in these estimates, though article, if the western Yaqui Delta viously been reinforced with their sult of their own labor. American the writer could not help sympath- itself should disclose free gold de- own numerous tributaries already prospectors, investors, or land izing with some of the good towns- posits, under intelligent explora- referred to. The elevation here is seekers would consult their own people of Oroville, who regretted tion, and particularly so under about 1110 feet, at a distance from interest by conferring with either the disappearance of a beautiful dredge operations. The river bot- the mouth of approximately 200 of these men. Don Benito matured olive orchard located on a tom below Los Hornos, i. e., below mils. The proper starting point for has given specific attention to minhigh bluff, overlooking their charm- the foot hill belt, is accessible for these upper regions on the Yaqui ing in this territory for upwards of ing town from the opposite bank, such explorations at least six to river, when the traveller is once in twenty years. He has so many which was about to disappear in nine months in the year. Important the Yaqui Valley proper, is Cocorit, "stakes" in the country of his the capacious mouth of the dredge. pointers should be available by this some seventy-five miles from the choice, that to wish every legiti-The roots of the olives were known time regarding placer-washing in gulf, where the guides and needed mate effort for its development, for a certainty to be entwined general at Cumuripa, some seventy- camping outfit (except tents) may good speed, is but to favor his own around the groins of auriferous five miles from Torin, the latter the be obtained. The Guaymas stage interests as well as those of the As one traces the successive Yaqui valley. The parties operat- Alamos. Cumuripa, the aforesaid American can rest assured of a alluents of the Yaqui river, back ing at Cumuripa are Americans, placer mining center, is some sixty cordial welcome on the part of the one reaches the mineralized It is known that they inaugur- odd miles from Cocorit, where the men here referred to. Those who area of Southern Arizona and New ated work by starting up "dry- Yaqui river is reinforced by the are really desirous of entering this Mexico, thence across the foothill washers," which they subsequently Rio Tecoripa. The best known very promising field, yet so little ranges of the northeastern sierras abandoned for regular hydraulic mining areas further up on the known, and so frequently belied of Sonora, thence up into the lofty methods. But very little authentic Yaqui some seventy miles distant regions of the Sierra Nevadas of news is however available from is "La Dura," chiefly gold mining the Pacific slope of Chihuahua, there, which scarcity, sometimes and operated by the Americans, Between the "ground floor" have a good inally referred to as well worth a mbstone, Arizona, and Batopilas, thing. What is required, however, trial experiment, are in the delta ical extent and in latent resources. Thibushua, is a fairly good stretch. to determine the availability of of the west or the unobstructed It is difficult to estimate its future. not too much to say that it the lower Yaqui river banks for Pacific side of the last stronghold but it is surely destined to become one of the most highly min-gold dredging operations, is system- of mountain and foot hills. Like one of the most productive valleys, one of the most productive valleys, as well as one of the most densely between Sitka and Salinas bed rock wherever available, or the Sacramento Valley, these will, populated areas of the entire Paci-

the river bed or its immediate em- fluence of the river and the valley

It is at Suaqui that the Rio bankments, afford sufficient in in its foot hill area proper, there is as it has been investigated, indica-Those used at Oroville, Califor- tes that it has a distinct future be-

Leaving Cocorit, thence proceedtheir own separate tours of the They vary in cost from \$35,000 up ing but four miles further up the great central basin of northern that its silt contained all the fertil- justified themselves, is amply iron and carbonates of lead. The latter appear to constitute large

> Some twenty miles altogether up the river from Cocorit is Los

Experienced miners in this minby ordinary hydraulic methods, points in Arizona to be in such Probably Potam or the vicinity of eralized zone appear to confirm the operations are carried on by fluid condition that tin cans ex- Torin would afford as good pre- that the regular veins are never encountered here till water level is So much for the possible placer reached. This would appear an These excavate the bars and river become so completely altered as to fields of the Yaqui Delta; as re. unbroken rule as regards gold deposits. A short distance from "Los Hornos" is a well defined granite of their revolving scoops of steel are from gold producing stratas above, Frequent reference is made to formation, carrying heavy but low subjected to scientific scrutiny and is fortunately, the most common mining operations in the Yaqui grade silver ore. A valuable copwhen all "free gold" has been with- and most popular mining pro- Valley, while as a matter of fact per area is said to exist on and the "open Yaqui Delta" is as yet around the Barranca range. This The history of the entire mining not the scene of any great mining is on the western flank of the Rio These gravel banks are literally areas in which the tributaries of the operations at all. The term Ya- Yaqui, officially in the eastern disnatural treasure vaults, for so sure Yaqui take their rise, as well as the qui Valley has become a conventrict of Hermosillo, but within the mining areas here referred to some obtaining a certain amount of justify the conclusion that explora- in which mining operations are forty miles above Cocorit. The "pay dirt" of every cubic yard, tion and development should dis- carried on, located on the respect copper mines are also known as

> One of the most experienced by mere foolish rumors, will do well to write them, also General Lorenzo Torres of Torin.

The territory here outlined constitutes a principality in geographand so far as Mexico the sinking of shafts or testing- in a measure at least, if found at fic coast of Mexico. The miner, somewheat the Yaqui river and holes for given distances from five all, be located prospectively direct- the agriculturist, the horticulturist will soon vie with each other as to

Continued on second page.